WHAT IS CLAIMED IS:

1. A home network system for generating a random number, comprising:

a plurality of client appliances connected to a home network, each of the client appliances being controlled in response to a received control command;

a plurality of client communication modules for converting a format of data to be transmitted and received between the client appliances and the home network;

a home server appliance for inputting the control command into each of the client appliances, assigning a manufacturer's serial number of the client appliance as an ID (Identifier or Identity) of the client appliance, generating a random number if the manufacturer's serial number of the client appliance is equal to an ID of another client appliance, and assigning the generated random number as the ID of the client appliance; and

a home server communication module for converting a format of data to be transmitted and received between the home server appliance and the home network.

2. The home network system as set forth in claim 1, wherein the home server appliance comprises:

a database for storing IDs of the client appliances connected to the home network;

a random number generator for generating the random number if the manufacturer's serial number is equal to an ID stored in the database; and

a microcomputer for accessing the database and the random number generator and assigning an ID to a client appliance newly connected to the home network.

3. The home network system as set forth in claim 2, wherein the home server appliance further comprises:

a control command input unit for receiving the control command for the client appliance; and

a control result output unit for outputting control state information if the control state information is received from the client appliance.

4. The home network system as set forth in claim 1, wherein the home server communication module comprises:

a memory for storing address information of the home server appliance on the home network;

a modem for converting data to be transmitted and received between the home server appliance and the home network into a format based on an appropriate protocol; and

a modem controller for controlling the modem.

5. The home network system as set forth in claim 1, wherein each of the client communication modules comprises:

a memory for storing information of an ID assigned to the client appliance by the home server appliance;

a modem for converting data to be transmitted and received between the client appliance and the home network into a format based on an appropriate protocol; and

a modem controller for controlling the modem.

6. A method for controlling a home network system that generates a random number, comprising the steps of:

(a) allowing a client appliance newly connected to a home network to transmit information of a manufacturer's serial number to a home server appliance;

(b) allowing the home server appliance to assign, to the client appliance, an ID (Identifier or Identity) based on the manufacturer's serial number of the client appliance or a random number generated through a random number generation operation; and

(c) allowing the client appliance to store the ID and allowing the home server appliance to transmit a control command using the ID.

7. The method as set forth in claim 6, wherein the step (a) comprises the steps of:

allowing the home sever appliance to transmit an access signal to the client appliance; and

allowing the client appliance having transmitted the access signal to transmit its own serial number to the home server appliance.

8. The method as set forth in claim 6, wherein the step (b) comprises the steps of:

allowing the home server appliance to compare the transmitted serial number with an ID of a client appliance already connected to the home network;

if the transmitted serial number is equal to an ID of a client appliance already connected to the home network, generating the random number as the ID of the newly connected client appliance and assigning the ID of the newly connected client appliance; and

if the transmitted serial number is not equal to an ID of any client appliance already connected to the home network, assigning the transmitted serial number as the ID of the newly connected client appliance.

9. The method as set forth in claim 8, wherein the step (b) further comprises the step of:

storing the assigned ID in a client communication modem connected to the newly connected client appliance.